

<p align="center">Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts Board Meeting February 25, 2010</p>

A meeting of the Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts was held on February 25, 2010 at the Professional Licensing Board Office, located at 237 Coliseum Drive, Macon, Georgia. Margaret Doss, Chairperson, called the meeting to order at 9:48 a.m.

A quorum was established with members present being: Margaret Doss, Chairperson, Tony Rojas, Eric Osborne, Stanley Tate and William Defino.

Others present were as follows: Steve Lindsey, Executive Director; Melanie Brown, Board Support Specialist and Amelia Baker with the Attorney General's office via video conference.

Tony Rojas moved, Eric Osborne seconded, and the Board voted to approve the minutes of the December 10, 2009 Board meeting.

Stanley Tate moved, Bill Defino seconded, and the Board voted to ratify the following licenses issued since the December 10, 2009 meeting:

1.	W1-014526	Abernathy, Larry Nathan	Water Operator Class 1	Lawrenceville	GA
2.	W1-014527	Garmon, Jeremy Roger	Water Operator Class 1	Mount Airy	GA
3.	W1-014528	Brazeal, Joshua Alan	Water Operator Class 1	Atlanta	GA
4.	W1-014529	Lockett, Georginna Lanelle	Water Operator Class 1	Stockbridge	GA
5.	W2-014788	Moore, Brian Matthew	Water Operator Class 2	Lawrenceville	GA
6.	W2-014789	Swan, Teresa Lynn	Water Operator Class 2	Jackson	GA
7.	W2-014790	Franklin, Gregory Keith	Water Operator Class 2	Elberton	GA
8.	W2-014791	Crawford, Joseph Michael	Water Operator Class 2	villa rica	GA
9.	W2-014792	Grant, Carlton Deshayne	Water Operator Class 2	Hampton	GA
10.	W2-014793	Earley, Casey Wilburn	Water Operator Class 2	Dalton	GA
11.	W2-014794	Oglesby, James Thomas	Water Operator Class 2	Elberton	GA
12.	W3-015722	Walker, Brent Clayton	Water Operator Class 3	Bonaire	GA
13.	W3-015723	Owens, Dudley	Water Operator Class 3	Dahlonega	GA
14.	W3-015724	High, Michael Vinson	Water Operator Class 3	Albany	GA
15.	W3-015725	McCranie, Brandon Scott	Water Operator Class 3	Eatonton	GA
16.	W3-015726	Gamble, Carl D	Water Operator Class 3	CORDELE	GA
17.	W3-015727	Constantine, Martin Herald	Water Operator Class 3	Snellville	GA
18.	W3-015728	Curry, William Joseph, Jr	Water Operator Class 3	TYBEE ISLAND	GA
19.	W3-015729	Coker, Everett Early	Water Operator Class 3	Toccoa	GA

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20.	W3-015730	Sutton, Danny Travis	Water Operator Class 3	Acworth	GA
21.	W3-015731	Waters, Zachary Thomas	Water Operator Class 3	Jasper	GA
22.	W3-015732	Kelley, Bryan Lee	Water Operator Class 3	Douglasville	GA
23.	W3-015733	Merritt, Joseph Edward	Water Operator Class 3	Douglas	GA
24.	W3-015734	Clark, Thaddus Siegfried	Water Operator Class 3	Macon	GA
25.	W3-015735	Hughes, John Kevin, Jr.	Water Operator Class 3	Cataula	GA
26.	W3-015736	Lee, George Marvin	Water Operator Class 3	Newnan	GA
27.	W3-015737	Vandenberg, Jacob Aaron	Water Operator Class 3	Social Circle	GA
28.	W3-015738	Hembree, Patrick S	Water Operator Class 3	Jonesboro	GA
29.	W3-015739	Armstrong, Soraya Warnette	Water Operator Class 3	Athens	GA
30.	W3-015740	Edwards, Richard Lee	Water Operator Class 3	Buford	GA
31.	W3-015741	Sims, Andrew Benjamin	Water Operator Class 3	Cleveland	GA
32.	W4-002237	Richards, Zachary Charles	Water Operator Class 4	Danielsville	GA
33.	W4-002238	Cockerill, William Charles	Water Operator Class 4	Austell	GA
34.	W4-002239	Chestnutt, Robert Larry	Water Operator Class 4	Riceboro	GA
35.	W4-002240	Epps, Roy Terrell	Water Operator Class 4	Jackson	GA
36.	W4-002241	Harris, Timothy Raymond	Water Operator Class 4	Jesup	GA
37.	W4-002242	Waldron, Banner nmn, III	Water Operator Class 4	Douglas	GA
38.	W4-002243	Presley, Erskine Royce	Water Operator Class 4	Douglas	GA
39.	W4-002244	Brabson, Daniel J	Water Operator Class 4	Clayton	GA
40.	W4-002245	Reagan, Christopher R	Water Operator Class 4	Molena	GA
41.	W4-002246	Sweat, Thomas Lamar, Jr	Water Operator Class 4	Luthersville	GA
42.	W4-002247	Palmer, Tina Renee	Water Operator Class 4	Cleveland	GA
43.	W4-002248	Smith, Rita F	Water Operator Class 4	Thomasville	GA
44.	WD015402	Black, Curtis Manuel	Water Distribution Operator	Dawsonville	GA
45.	WD015403	Champagne, Alice Martratt	Water Distribution Operator	Roswell	GA
46.	WD015404	Martinez, Jonathan Peter	Water Distribution Operator	Cataula	GA
47.	WD015405	Ellington, Shawn Israel	Water Distribution Operator	Thomaston	GA
48.	WD015406	Childress, Darrell Eugene	Water Distribution Operator	Clarksville	GA
49.	WD015407	Smith, Nicholas Howard	Water Distribution Operator	Cataula	GA
50.	WD015408	Yoder, Brian Allen	Water Distribution Operator	Covington	GA
51.	WD015409	Sweat, Ronald, Jr	Water Distribution Operator	Covington	GA
52.	WD015410	Williams, Darrell Vanardo	Water Distribution Operator	Hephzibah	GA
53.	WD015411	Peebles, John Tucker	Water Distribution Operator	Fortson	GA
54.	WD015412	Sewell, Thomas Randall	Water Distribution Operator	Thomaston	GA

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55.	WD015413	Russell, Kenneth Eric	Water Distribution Operator	La Fayette	GA
56.	WD015414	Reavely, James Ray	Water Distribution Operator	Ringgold	GA
57.	WD015415	Neeley, Corey Duane	Water Distribution Operator	Mableton	GA
58.	WD015416	Cummings, Jeremy Wayne	Water Distribution Operator	Columbus	GA
59.	WD015417	Moore, Eric James	Water Distribution Operator	Valdosta	GA
60.	WD015418	Collier, Daniel Wade	Water Distribution Operator	Hampton	GA
61.	WD015419	Hogeland, Thomas Sanders	Water Distribution Operator	Indialantic	FL
62.	WD015420	Thomas, Eric Lamar	Water Distribution Operator	Douglas	GA
63.	WD015421	Durden, Mickey Lee	Water Distribution Operator	Gainesville	GA
64.	WL014363	Hogquist, Richard Wesley	Water Laboratory Analyst	Brunswick	GA
65.	WL014364	Garland, Michael Lee	Water Laboratory Analyst	Bethlehem	GA
66.	WW1-014805	Ferrebee, Lamont	Wastewater Operator Class 1	stockbridge	GA
67.	WW1-014806	Sollomen, Joshua Alan	Wastewater Operator Class 1	Gulf Shores	AL
68.	WW1-014807	Vanderloop, Maria	Wastewater Operator Class 1	Teton Village	WY
69.	WW1-014808	Martin, Stanley Keith	Wastewater Operator Class 1	Valdosta	GA
70.	WW1-014809	Warner, Matthew Eugene	Wastewater Operator Class 1	Chatsworth	GA
71.	WW1-014810	Cochran, Mark Eugene	Wastewater Operator Class 1	Jonesboro	GA
72.	WW1-014811	Flowers, Samuel Rogelio	Wastewater Operator Class 1	Lithonia	GA
73.	WW1-014812	Sears, Bart Taff	Wastewater Operator Class 1	Fairmount	GA
74.	WW2-014827	Green, Harold, Jr	Wastewater Operator Class 2	Athens	GA
75.	WW2-014828	Roper, Michael Charles, Jr	Wastewater Operator Class 2	Dallas	GA
76.	WW2-014829	Jones, Reginald Andre	Wastewater Operator Class 2	Peachtree City	GA
77.	WW2-014830	Wood, Tommy Harold, Jr	Wastewater Operator Class 2	Saint Marys	GA
78.	WW2-014831	Rohrer, Hugh Lynn	Wastewater Operator Class 2	Constantine	MI
79.	WW2-014832	Northern, Dana Ferron	Wastewater Operator Class 2	atlanta	GA
80.	WW3-016454	Sullivan, Alexander James	Wastewater Operator Class 3	Toccoa	GA
81.	WW3-016455	Hall, Vince Joseph	Wastewater Operator Class 3	Decatur	GA
82.	WW3-016456	Sowers, William Nathaniel	Wastewater Operator Class 3	Blue Ridge	GA
83.	WW3-016457	Boersma, David Alden	Wastewater Operator Class 3	Fort Myers	FL
84.	WW3-016458	Ragin, Ayanna Malene	Wastewater Operator Class 3	Columbus	OH
85.	WW3-016459	Langston, Michael Wayne	Wastewater Operator Class 3	Jacksonville	AL
86.	WW3-016460	Bland, Bobby Charles	Wastewater Operator Class 3	Lagrange	GA
87.	WW3-016461	Swilley, Andrew Scott	Wastewater Operator Class 3	Mcdonough	GA
88.	WW3-016462	Hoge, Charles Chris	Wastewater Operator Class 3	Rome	GA

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89.	WW3-016463	Lakhicharran, Narindra	Wastewater Operator Class 3	Dahlonega	GA
90.	WW3-016464	Chambers, Russell Curtis	Wastewater Operator Class 3	Dawsonville	GA
91.	WW3-016465	Hafford, Eric Lionel	Wastewater Operator Class 3	Newnan	GA
92.	WW3-016466	Horne, Walker Jackson	Wastewater Operator Class 3	Newnan	GA
93.	WW3-016468	Jones, Rodney Jenard	Wastewater Operator Class 3	Decatur	GA
94.	WW3-016469	Stinson, Nicholas Troy	Wastewater Operator Class 3	Chula	GA
95.	WW3-016470	Usher, Rodney Chad	Wastewater Operator Class 3	Demorest	GA
96.	WW3-016471	Wallace, Mark Anthony, Jr.	Wastewater Operator Class 3	Adairsville	GA
97.	WW3-016472	Sanders, Ronald Edwin	Wastewater Operator Class 3	Dallas	GA
98.	WW3-016473	Vandenhouten, Bryan James	Wastewater Operator Class 3	Eden	GA
99.	WW3-016474	Patrick, William Brett	Wastewater Operator Class 3	Cumming	GA
100.	WW3-016475	Webber, Stanley Keith	Wastewater Operator Class 3	Hardeeville	SC
101.	WW4-000148	Epps, Roy Terrell	Wastewater Operator Class 4	Jackson	GA
102.	WWC032464	Ingram, Donald Bart	Wastewater Collect Sys Oper	Gainesville	GA
103.	WWC032465	West, Philip S	Wastewater Collect Sys Oper	Grovetown	GA
104.	WWC032466	Hendricks, Marcus Jewell	Wastewater Collect Sys Oper	Douglasville	GA
105.	WWC032467	Patton, Dean Eugene	Wastewater Collect Sys Oper	Conyers	GA
106.	WWC032468	Turgeon, Michael Louis	Wastewater Collect Sys Oper	Clarksville	GA
107.	WWC032469	Edwards, James D., Sr.	Wastewater Collect Sys Oper	Albany	GA
108.	WWC032470	Williams, Melvin Lee	Wastewater Collect Sys Oper	Albany	GA
109.	WWC032471	Welch, Ralph Edward	Wastewater Collect Sys Oper	Clayton	GA
110.	WWC032472	Tittle, Patrick Lee	Wastewater Collect Sys Oper	Buford	GA
111.	WWC032473	Bolton, James Richard	Wastewater Collect Sys Oper	Athens	GA
112.	WWC032474	Green, James Edward, Jr.	Wastewater Collect Sys Oper	Fayetteville	GA
113.	WWC032475	Dickson, Michael James	Wastewater Collect Sys Oper	Acworth	GA
114.	WWC032476	Thorpe, James Lee	Wastewater Collect Sys Oper	Kennesaw	GA
115.	WWC032477	Lewis, Rashad Ahman	Wastewater Collect Sys Oper	Douglasville	GA
116.	WWC032478	Abernathy, Bryan Scott	Wastewater Collect Sys Oper	Dallas	GA
117.	WWC032479	Camp, George Richard	Wastewater Collect Sys Oper	Canton	GA
118.	WWC032480	Lewis, Alfred, Jr.	Wastewater Collect Sys Oper	Ellenwood	GA
119.	WWC032481	Cole, Jordan Jeffrey	Wastewater Collect Sys Oper	hampton	GA
120.	WWID032062	Dozier, Christopher Paul	Wastewater Industrial Operator	Riceboro	GA
121.	WWID032063	Whittle, Charles John	Wastewater Industrial Operator	Warrenville	SC
122.	WWID032064	Kelley, Paul Hulon	Wastewater Industrial Operator	Griffin	GA

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123.	WWID032065	McCord, Charles R.	Wastewater Industrial Operator	Lawrenceville	GA
124.	WWID032066	Ferguson, David Hartwell	Wastewater Industrial Operator	Dahlonega	GA
125.	WWL014497	Coker, Thomas Gerald	Wastewater Laboratory Analyst	Nashville	GA
126.	WWL014498	Turner, Cyderria	Wastewater Laboratory Analyst	Lithonia	GA
127.	WWL014499	Jury, George William, III	Wastewater Laboratory Analyst	Columbus	GA

Bill Defino moved to enter into Executive Session to deliberate on applications, complaints, and investigations, as authorized by O.C.G.A. § 43-1-2 (k) and 43-1-19 (h). Eric Osborne seconded the motion. The motion was carried by Margaret Doss, Chairperson, Tony Rojas, Eric Osborne, Stanley Tate and William Defino. The Board concluded Executive Session in order to vote on the matters discussed and to continue with the public session.

Tony Rojas moved, Eric Osborne seconded, and the Board voted to accept the recommendation made in Executive Session on the following appointment:

1.	9:30 a.m.	1173908	Appeal Denial Criminal History	F W	Pending Approval
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Tony Rojas moved, Eric Osborne seconded, and the Board voted to accept the recommendations made in Executive Session on the following applications:

1.	Emmel, Gary Paul	1223028	Wastewater Operator Class 1	Peachtree City, GA	Deny
2.	Helms, Kenneth Wayne	1211841	Water Operator Class 3	Ivey, GA	Approve
3.	Hopkins, Michael	1220438	Wastewater Collect Sys Oper	Albany, GA	Approve
4.	McLaughlin, Patrick M	1193954	Wastewater Operator Class 2	Canton, GA	Approval pending
5.	McMurrian, Chad Robertson	1220400	Wastewater Operator Class 2	Perry, GA	Uphold must re-take the exam
6.	Nooney, S. Michelle	1158923	Wastewater Laboratory Analyst	Savannah, GA	Approve
7.	Pope, Nathan Henry, Jr	1218206	Wastewater Industrial Operator	Douglasville, GA	Approve
8.	Stone, Travis L	1224532	Water Operator Class 3	Jasper, GA	Deny
9.	Underwood, Bert	1216093	Wastewater Operator Class 1	Naples, FL	Approve
10.	Walker, Ardonley	1222387	Water Distribution Operator	Atlanta, GA	Approve
11.	Williams, Jeffery Barton	1214532	Water Distribution Operator	Winder, GA	Approve

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Tony Rojas moved, Eric Osborne seconded and the Board voted to accept the report of pending cases presented by the Attorney General.

Tony Rojas moved, Eric Osborne seconded, and the Board voted to accept the recommendations made in Executive Session on the following complaint:

<ul style="list-style-type: none"> • WW090003 	Forward to Attorney General's office for revocation
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Stanley Tate moved, Tony Rojas seconded, and the Board voted to approve the following courses submitted for continuing education:

<u>Program Provider/Sponsor</u>	<u>Course Title</u>	<u>Training Hours</u>	<u>Pts. Requested</u>	<u>Pts. Approved</u>
American Membrane Technology Association 2409 S E Dixie Hwy Stuart, FL 34996 Janet Jaworski 772-463-0820 admin@amtaorg.com	Technology Transfer Workshop "Membrane Treatment in the Heart of the Great Smoky Mountains" May 4 - 6	9.75		9
Athens Clarke County (Water Pollution Control) 400 Will Hunter Road Athens, GA 30606 Guy W. Dunn 706-613-3486	Basic Wastewater Treatment	40	12	12
Athens Technical College 800 U.S. Hwy 29 North Athens, GA 30601 Dr. Brent Beal 706-227-5350 bbeall@athenstech.edu	Introduction to Water Treatment Processes	40		12
CEU Plan P.O. Box 10355 Brooksville, FL 34603 William W. Edgar, General Manager 352-754-1259 wwedgar@ceuplan.org	Introduction to Chlorine	1	1	1
	Components of Chlorine	1	1	1

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	Chlorinators	1	1	1
	Chlorine Procedures	1	1	1
	Chlorine Dioxide	1	1	1
	Wastewater Sludge Treatment - Complete Course	2	2	2
	Dechlorination - Gas Application and Usage	3	3	3
	On-site Sodium Hypochlorite Generator Conversion	4	4	4
	Oxidation in Water/Wastewater	1	1	1
	Bio-Augmentation	1	1	1
	Geology	1	1	1
	Have you seen the Light? Introduction to UV Technologies	1	1	1
	Activated Sludge I: Introduction and Overview	1	1	1
	Activated Sludge II: 2nd Clarifiers and RAS-WAS	1	1	1
	Activated Sludge III: Oxygen Demand - Transfer - Uptake	1	1	1
	Enhanced Coagulation	1	1	1
	Hazardous Materials Effects to Human Health	4	4	4
	Emerging Waterborne Pathogens	3	3	3
	What is Cryptosporidium?	1	1	1

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	Health Concerns of Public Interest	1	1	1
	Introduction into the CDC Organization	1	1	1
	Laboratory Safety: Overview, Rules & Regulations	1	1	1
	Laboratory Safety: The Nucleus of a Lab Safety Program	1	1	1
	Sludge Digestion and Solid Handling	4	4	4
	Introduction to Solids Handling and Stabilization	1	1	1
	Stabilizations	1	1	1
	Sludge Conditioning & Dewatering	1	1	1
	Sludge Digestion and Beneficial Use	1	1	1
	Basic Chemistry - Complete Course Series	10	10	10
	Atoms & Molecules	1	1	1
	Nuclear Decay	1	1	1
	States of Matter	1	1	1
	Chemical Bonding	1	1	1
	Chemical Non Menclature	1	1	1
	Solubility	2	2	2
	Reverse Osmosis	1	1	1
	Water Purification	2	2	2
	Accounting 101	1	1	0
	Accounting 102	1	1	0
	Basic Mathematics	1	1	1

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	Advanced Mathematics	2	2	2
	Pipe, Valves, and Fittings	1	1	1
	Lift Station Repair	1	1	1
	Corrective Preventive Maintenance: Complete Course	8	8	8
	CPM: Functions, Failures - Mode & Effects	2	2	2
	CPM: Building a PM Program	2	2	2
	CPM: Tracking Failures	2	2	2
	Introduction to On-Line Analytical W/WW Instrumentation	2	2	2
	Basic Computers	1	1	0
	Blueprints I	1	1	0
	Personal Sampling	1	1	1
	Sampling for Surface Contaminants	1	1	1
	Technical Equipment	1	1	1
	Indoor Air Quality	1	1	0
	Ventilation	1	1	0
	Heat Stress	1	1	1
	Laser Hazards	1	1	0
	Legionnaires Disease	1	1	0

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	Back Disorders	1	1	1
	Chemical Clothing/Respiratory	3	1	1
	Intro. To Chemical Prot./Respiratory	1	1	1
	Chemical Clothing	1	1	1
	Respiratory Protection	2	2	2
	Primary Treatment	1	1	1
	Trickling Filters	1	1	1
	Your Responsibilities with the Regulatory Agency	1	1	1
	Terrorism Vulnerability Assessment in Community Water System	1	1	1
	Disinfection By-Products: Summary of Rule	2	2	2
	Trenchless Technologies: An Introduction	1	1	1
	CPM: Creating SOP's	2	2	2
	Trenchless Technologies: Pipeline & Structure Rehabilitation	1	1	1
	Trenchless Technologies: Complete Course	2	1	1
	HIV in Wastewater: Presence and Risk	2	2	2
	Water Treatment Techniques - Complete Course	10	10	10
	WTT: Filtration	2	2	2
	WTT: Settling and Clarification	2	2	2

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	WTT: Distillation	2	2	2
	WTT: Ion Exchange	2	2	2
	WTT: Membrane Separation	2	2	2
	ORP - Wastewater Biological Nutrients Removal Process	1	1	1
	Wastewater Formulas	2	2	2
	Collection Mathematics	2	2	2
	Distribution Mathematics	2	2	2
	Use of an Excel Spreadsheet in Wastewater Treatment Plant	1	1	1
	Wastewater Operational Tools	1	1	1
	Introduction in Biological Nutrient Removal	2	2	2
	Toxic & Hazardous Material Handling Procedures	4	4	4
	Basic Microbiology	1	1	1
	Parasites, Part I - Helminths	1	1	1
	Activated Sludge IV: Process Control & Troubleshooting	1	1	1
	Laboratory Safety: Guidelines - Chemical & Biosafety	1	1	1
	Package - Wastewater Treatment Plant	1	1	1
	Procedure for UV Pilot Testing	1	1	1
	Activated Sludge V: Troubleshooting Part 2	1	1	1

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	Activated Sludge - Complete Course	5	5	5
	UV Disinfection - Sizing of UV System using Bioassay	1	1	1
	History of Ultraviolet Disinfection	1	1	1
	Lead and Copper Rule	1	1	1
	Arsenic	1	1	1
	ORP Instrumentation and Measurement	1	1	1
	pH Instrumentation and Measurement	1	1	1
	Becoming a First Class Supervisor - Complete Course	4	4	4
	BFCS: Transition from Craftsman to Supervisor	1	1	1
	BFCS: Effective Supervisory Communication	1	1	1
	BFCS: Leadership/Coaching	1	1	1
	BCFS: Delegation/Motivation	1	1	1
	Treatment Plant Maintenance and Accident Prevention	4	4	4
	TPMAP: Ownership of Equipment	1	1	1
	TPMAP: Equipment Failures and Hazards	1	1	1
	TMPAP: Checklists Mean More than a Checkmark	1	1	1
	TMPAP: Solutions Can be Healthy	1	1	1
	Parasites, Part 2	2	2	2

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	Introduction to Basic Microbiology and Parasites	6	6	6
	Basic Microbiology, Part 2	2	2	2
	Filamentous Bacteria Identification & Process Control	1	1	1
	Introduction to Wastewater Microbiology & Process Control	1	1	1
	Collection System: Getting to the Root of the Sewer Problem	1	1	1
	Introduction to Backflow Prevention	1	1	1
	Water's Journey: Part 1 - Hidden River	1	1	1
	Water Shortage, Reuse, and Resource Management: The St. Petersburg, Florida	1	1	1
	Water's Journey: Part 2 - River Returns	1	1	1
	Tracing the Path of Water	1	1	1
	Water's Journey: Part 3 - Everglades: Current of Change	2	1	1
	Corrosion Control	1	1	1
	FOG: Fats, Oils, and Grease	4	4	4
	Laboratory Safety: Electrical, Fire and Radiation Safety	1	1	1
	Laboratory Safety: Labware and Waste Disposal	1	1	1
	Laboratory Safety: Complete Course	5	5	5
	Emergency Response	1	1	1
	Collection System: Sewer Line Root Control	4	4	4

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	Industrial Wastewater Sludge	1	1	1
	Submersible Sewage Pumping System - Complete Course	5	5	5
	SSPS: Introduction & Design Considerations	1	1	1
	SSPS: Selection of Submersible Pumps	1	1	1
	SSPS: Description of Pumps	1	1	1
	SSPS: Controls	1	1	1
	SSPS: Controls, Start-Up, & Operation	1	1	1
	LP: Lab Terminology and Apparatus	1	1	1
	LP: Basic Wastewater Lab Procedures	1	1	1
	LP: Biochemical Oxygen Demand (BOD)	1	1	1
	LP: Solids	1	1	1
	LP: Fecal Coliform Bacteria	1	1	1
	LP: Nitrogen-Ammonia	1	1	1
	Basic Drinking Water Quality Tests	2	2	2
	Drinking Water Bacteriological Procedures	1	1	1
	Public Admin I	1	1	1
Chattahoochee Technical College 980 South Cobb Drive Marietta, GA 30060 Glenn Rasco, VP of Community and Economic Development	Scaffolds	2	2	0

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770-528-4512 grasco@chattahoocheetech.edu				
	Trench Safety Awareness	2	2	2
	Medic First Aid 6-8 hour course	8	8	4
	Excavations	2	2	2
	Crane Safety	2	2	0
	Stairways & Ladders	2	2	0
	Safety Issues in Today's Workplace	2	2	0
	Material Handling Storage Use & Disposal			0
	Industrial Health and Hygiene	2	2	1
	Personal Protective Equipment (PPE)	2	2	1
	HazCom Programs - Right to Know	2	2	1
	Fire Prevention, Exits, Emergency Action Plans	2	2	0
	Fall Protection	2	2	1
	Electrical Safety	2	2	1
	Confined Space Safety Training	2	2	1
	Level 1B Re-certification	4	4	0
	Level 1A Re-certification	4	4	0
	GSWCC Level 1A Fundamentals	8	8	0

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	GSWCC Level IB Advanced Fundamentals	16	16	0
	GSWCC Level II Introduction to Design	16	16	0
	Level II Re-certification	4	4	0
City of Gainesville Lakeside WTP 5640 Jim Crow Rd. Flowery Branch, GA 30542 Chris A. Dickerson 770-297-5492 cdickerson@gainesville.org	CPR/First Aid/AED Training	4	4	4
City of Savannah 140 E. President St. Savannah, GA 31404 Lester Hendrix, Jr. 912-651-6620 ext. 1569 Lhendrix@ci.savannah.ga.us	Basic Wastewater Training	40	12	12
Columbia County Water Utility P.O. Box 204660 Martinez, GA 30917 Tammy Shelton 706-863-6928	Confined Space Safety	4	2	2
	Trench and Excavation Safety	4	2	2
	Water and Wastewater Chemical Safety	2	2	2
	Hydrant Maintenance	4	2	2
	Disinfection methods for Water and Wastewater	2	2	2
	Water Treatment Plant Filter Evaluation	2	2	2
	National Safety Council 4-Hour Defensive Driving	4	2	2
	Protecting the Public Health	2	2	2
	American Red Cross First Aid	4	2	2
	National Safety Council 8-Hour Defensive Driving	6 to 8	3	3

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	American Red Cross CPR/AED	4	2	2
	Water Laboratory for Operators and Analysts	Basic Water Laboratory - 27 Advanced Water - 24	12	12
	Using Membranes in Water Treatment	2	2	2
	Wastewater Laboratory for Operators and Analysts	Basic Wastewater Laboratory - 27 Advanced Wastewater - 24	12	12
	National Safety Council Flagger Training	4	2	2
Dalton Utilities Eric Townsend, Manager Training, Safety & Health P.O. Box 869 Dalton, GA 30722-0869 706-529-1210 706-463-1903 etownsend@dutil.com	BAS-WW-40-0308-DALTON-013110-2757	40	12	12
	Activated Sludge Process Control ADV-WW-24-0308-DALTON-013110-2758	24	12	12
	Confined Space Entry CE-2-0308-DALTON-013110-2759	2	2	2
	Respiratory Protection CE-2-0308-DALTON-013110-2760	2	2	2
	Trenching and Shoring CE-2-0308-DALTON-013110-2761	2	2	2
	Lock Out/Tag Out CE-2-0308-DALTON-013110-2762	2	2	2
	Machinery and Machine Guarding CE-2-0308-DALTON-013110-2763	2	2	2
	Chlorine Safety CE-2-0308-DALTON-013110-2764	2	2	2
DeKalb County- Watershed 1580 Roadhaven Drive Stone Mountain, GA 30083 Dominique Carreker	Water and Wastewater Operators CE-6-108-DEKALB-013110-2676	6	6	6

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770-724-1438 dominique_osborne@yahoo.com				
	Wastewater Collection BAS-WW27-0308-DEKALB-013110-CE-12-2765	32	12	12
	Water Distribution BAS-WD-0308-DEKALB-013110-CE-12-2766	32	12	12
	Wastewater Treatment BAS-WW-40-0308-DEKALB-03110-CE-12-2768	48	12	12
	Water Treatment BAS-W-40-DEKALB-013110-CE-12-2767	48	12	12
Douglasville-Douglas County Water and Sewer Authority 8763 Hospital Drive Douglasville, GA 30134 Keith A. Higgs 770-949-7617	Basic Math for Wastewater Operators CE-6-0308-DDCWSA-013110-2824	6	6	6
	Advanced Math for Wastewater Operators CE-6-0308-DDCWSA-013110-2823	6	6	6
	Chlorine Safety & Repair Kits CE-2-0308-DDCWSA-013110-2819	3	2	2
	Wastewater Plant General Safety CE-1-0308-DDCWSA-013110-2817	3	1	1
	Self Contained Breathing Apparatus CE-1-0308-DDCWSA-013110-2820	3	1	1
	Mini Activated Sludge Workshop CE-6-0308-DDCWSA-013110-2816	6	6	6
	Process Control Review CE-6-0308-DDCWSA-013110-2818	6	6	6
	Solids Handling CE-4-0308-DDCWSA-013110-2821	4	4	4
	Enpro Liquid/Dry Polymer Activation System Training CE-2-0308-DDCWSA-013110-2825	2	2	2
	Sanitaire Membrane Diffused Aeration System Training CE-2-0308-DDCWSA-013110-2826	2	2	2
	Walker Clarifier Training CE-2-0308-DDCWSA-013110-2809	2	2	2

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	Parkson DynaSand Filter Training CE-2-0308-DDCWSA-013110-2810	2	2	2
	Vaughan Horizontal Chopper Pump Training CE-2-0308-DDCWSA-013110-2811	2	2	2
	Enviroquip PAD-G Aerobic Digester Operator Training CE-2-0308-DDCWSA-013110-2812	2	2	2
	Seimens/Wallace & Tierman Chemical metering Pump Operator Training CE-2-0209-DDCWSA-013110-2997	2	2	2
	BIOREM Odor Control Operator Training CE-2-0308-DDCWSA-013110-2814	2	2	2
	Siemens LO/PRO Odor Control System Training CE-2-0308-DDCWSA-013110-2815	2	2	2
	Submersible Pumps CE-2-0209-DDCWSA-013110-2996	2	2	2
	Centrifugal Pumps CE-2-0209-DDCWSA-013110-2995	2	2	2
	Carrousel Operator Process Training CE-3-0209-DDCWSA-013110-2994	3	3	3
	Hycor Rotoshear Drum Screen O & M CE-2-0209-DDCWSA-013110-2993	2	2	2
	Grit System Operation CE-3-0209-DDCWSA-013110-2992	3.5	3	3
	Trojan U.V. Disinfection CE-4-0209-DDCWSA-013110-2991	4	4	4
Environmental Business Specialists, LLC 1930 Surgi Dr. Mandeville, LA 70470 Marie Tranchina 985-674-0900 tranchina@ebsbiowizard.com	Introduction to Industrial Wastewater Treatment CE-12-109-EBS-013110-2978	7	12	6
	Breakout Sessions CE-12-109-EBS-013110-2976	7	12	6
	Hands-on Laboratory Workshop CE-6-109-EBS-013110-2975	7	6	6
EIMCO Water Technologies 4255 Lake Park Blvd. Suite 100 Salt Lake City, UT 84120 Thomas W. Leland, P.E.	Operating Advanced Oxidation Ditches to Achieve Biological Nutrient Removal		5	6

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801-931-3242				
Environmental Training Associates 89 Pine Street # 2 Portland, ME 04102 Judy Bruenjes, PE 207-318-7299 judybruenjes@gmail.com	Industrial Wastewater Treatment BAS-WWID-27-508-ETA-013110-CE-12-2858	27	12	12
	Wastewater Laboratory Analyst BAS-WWL-27-508-ETA-013110-CE-12-2859	27	12	12
	Basic Wastewater Treatment BAS-WW-40-508-ETA-013110-CE-12-2860	40	12	12
	Advanced Wastewater Treatment ADV-WW-48-508-ETA-013110-CE-12-2861	48	12	12
	Adv. Wastewater Topics -Phys-Chem ADV-WW-12-508-ETA-013110-CE-12-2865	12	12	12
	Adv. Wastewater Topics - Biological ADV-WW-12-508-ETA-013110-CE-12-2866	12	12	12
	Advanced Wastewater Laboratory ADV-WWL-12-508-ETA-013110-CE-12-2869	12	12	12
	Environmental Chemistry CE-12-508-ETA-013110-CE-12-2862		12	12
	Jar Testing - 1-day CE-6-508-ETA-013110-2863		6	6
	Jar Testing - 2-days CE-12-508-ETA-013110-2864		6	6
	Applied Math for Operators CE-6-508-ETA-013110-2867		6	6
	Exam Review Session CE-6-508-ETA-013110-2868		6	6
	Pump Installation & Maintenance CE-6-508-ETA-013110-2870		6	6
	8-hr Haz. Waste Operations CE-4-508-ETA-013110-2871		6	6
	24-hr Haz. Waste Operations CE-12-508-ETA-013110-2872		6	6

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	40-hr Haz. Waste Operations CE-12-508-ETA-013110-2873		6	6
	Spill Prevention & Control CE-6-508-ETA-013110-2874		6	6
	Confined Space Entry CE-6-508-ETA-013110-2875		6	6
	Confined Space Rescue CE-6-508-ETA-013110-2876		6	6
	Activated Sludge Workshop CE-6-508-ETA-013110-2877		6	6
	Physical-Chemical Treatment CE-6-508-ETA-013110-2878		6	6
	Wastewater Tech. & Ops. Control CE-6-508-ETA-013110-2879		6	6
	Wastewater Process Instrumentation CE-6-508-ETA-013110-2880		6	6
	Sampling, Analysis, Monitoring CE-6-508-ETA-013110-2881		6	6
	Equipment & Plant Start-up CE-12-508-ETA-013110-2882		12	12
Georgia Association of Water Professionals 2121 New Market Parkway, Suite 144 Marietta, GA 30067 Blanche Johnson, Member Services Coordinator 770-618-8690 ext. 30 770-618-8695 fax bjohnson@gawp.org	2010-2011 Annual Conference & Expo CE-12-1107-GAWP-013110-2447		12	12
	2010-2011 AWWA Annual Conference & Expo CE-12-1107-GAWP-013110-2448		12	12
	2010-2011 Fall Conference & Expo CE-12-1107-GAWP-013110-2449		12	12
	2010-2011 Spring Conference & Expo CE-12-1107-GAWP-013110-2450		12	12
	2010-2011 Industrial Conference & Expo CE-12-1107-GAWP-013110-2451		12	12

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	2010-2011 Managers of Small to Medium Water Systems CE-6-1107-GAWP-013110-2453		6	6
	2010-2011 Drinking Water Technology Forum/Watershed Symposium CE-6-1107-GAWP-013108-2454		8	8
	2010-2011 WEF Annual Conference (WEFTEC) CE-12-1107-GAWP-013110-2455		12	12
	2010-2011 Customer Service Workshop CE-4-1107-GAWP-013110-2456		4	4
	GAWP District Meetings CE-2-1105-GAWP-013110-2457		2	2
	2010-2011 GAWP Large Utility Executive Forum CE-6-1107-GAWP-013110-2458		6	6
	2010-2011 Stormwater & Watershed Specialty Conference CE-6-1107-GAWP-013110-2459		6	6
Georgia Rural Water Association P.O. Box 383 410 Thomaston St. Barnesville, GA 30204 Fred Finley 770-358-0221	Wastewater Treatment CE-3-0609-GRWA-013110-3015		12	3
	Wastewater Collection CE-3-0609-GRWA-013110-3016		12	3
	Maintaining Water Quality in Distribution Systems CE-3-0609-GRWA-013110-3013		12	3
	Proper Operation/Maintenance of Process Analyzers & Streaming Current Monitor		4	4
Gwinnett County Department of Water Resources 684 Winder Hwy. Lawrenceville, GA 30045 Lisa Robbins 678-376-6762	New Approaches for Assessing Microbial Threats	2	2	2
	Basic Wastewater Treatment BAS-WW-40-1107-GCPU-013110-CE-12-2460		40 BAS, 12 CE	40 BAS, 12 CE
	Advanced Wastewater Treatment ADV-WW-48-1107-GCPU-013110-CE-12-2461		48 ADV, 12 CE	48 ADV, 12 CE
	Basic Water Treatment BAS-W-40-1107-GCPU-013110-CE-12-2462		40 BAS, 12 CE	40 BAS, 12 CE

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	Advanced Water Treatment ADV-W-48-1107-GCPU-013110-CE-12-2463		48 ADV, 12 CE	48 ADV, 12 CE
	Collection Systems BAS-WWC-27-1107-GCPU-013110-CE-12-2464		27 BAS, 12 CE	27 BAS, 12 CE
	Distribution Systems BAS-WD-27-1107-GCPU-013110-CE-12-2465		27 BAS, 12 CE	27 BAS, 12 CE
	Disinfection CE-6-1107-GCPU-013110-2466		6	6
	Activated Sludge Processes CE-6-1107-GCPU-013110-2467		6	6
	Flow Hydraulics CE-6-1107-GCPU-013110-2468		6	6
	Filtration CE-6-1107-GCPU-013110-2469		6	6
	Pumping Operations CE-6-1107-GCPU-013110-2470		6	6
	Fixed Film Treatment CE-6-1107-GCPU-013110-2471		6	6
	Treatment Science CE-6-1107-GCPU-013110-2472		6	6
	Hand Safety CE-2-1107-GCPU-013110-2473		2	2
	CPR/First Aid CE-4-1107-GCPU-013110-2474		4	4
	Bloodborne Pathogens CE-2-1107-GCPU-013110-2475		2	2
	Back Injury Prevention CE-2-1107-GCPU-013110-2476		2	2
	Eye Safety Class CE-2-1107-GCPU-013110-2477		2	2
	Excavation Safety Class CE-2-1107-GCPU-013110-2478		2	2
	Confined Space Safety CE-4-1107-GCPU-013110-2479		4	4
	Equipment Lockout/Tagout Procedure CE-1-1107-GCPU-013110-2480		1	1

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	OSHA Hazard Comm. Standard CE-4-1107-GCPU-013110-2481		4	4
	Aqueducts CE-2-1107-GCPU-013110-2482		2	2
	Treatment Plant Operators CE-2-1107-GCPU-013110-2483		2	2
	The Development of City Water CE-2-1107-GCPU-013110-2484		2	2
	Sewers CE-2-1107-GCPU-013110-2485		2	2
	Incident Command Systems 700 CE-2-109-GCDWR-013110-2957		2	2
	Incident Command Systems 100 CE-2-109-GCDWR-013110-2958		2	2
	High Risk Electrical Safety CE-1-109-GCDWR-013110-2959		1	1
	Flagging Certification CE-2-0609-GCDWR-013110-3017		2	2
	Operator Technology Transfer Workshop CE-6-0609-GCDWR-013110-3018		6	6
	OSHA 10 HR Safety Training CE-6-0609-GCDWR-013110-3019		6	6
Georgia Water & Wastewater Institute 301 Ole Hickory Trail North Carrollton, GA 30117 John K. Cooper 770-214-0153 770-214-0219 fax	Class IV Small Wastewater Treatment BAS-WWIV-6-0108-GWWI-013110-CE-2-2496	6	2	2
	Industrial Wastewater Treatment BAS-WWID-27-0108-GWWI-013110-CE-12-2497	27	12	12
	Class III Wastewater Treatment BAS-WW-40-0108-GWWI-013110-CE-12-2498	40	12	12
	Class II Wastewater Treatment ADV-WW-24-0108-GWWI-013110-CE-12-2499	24	12	12
	Wastewater Math Part I CE-6-0108-GWWI-013110-2501	12	6	6

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	Wastewater Math Part II ADV-WW-12-0108-GWWI-013110-CE-12-2503	12	12	12
	Collection System Operation & Maintenance BAS-WWC-27-0108-GWWI-013110-CE-12-2505	27	12	12
	Wastewater Collection Systems Review CE-6-0108-GWWI-013110-2506	12	6	6
	Activated Sludge Part I ADV-WW-12-0108-GWWI-013110-CE-12-2507	12	12	12
	Activated Sludge Part II ADV-WW-12-0108-GWWI-013110-CE-12-2508	12	12	12
	Solids Handling CE-6-0108-GWWI-013110-2509	12	6	6
	Process Control Review CE-6-0108-GWWI-013110-2510	12	6	6
	Pumping Systems CE-6-0108-GWWI-013110-2511	12	6	6
	Class IV Water Treatment BAS-WIV-12-0108-GWWI-013110-CE-6-2512	12	6	6
	Class III Water Treatment BAS-W-40-0108-GWWI-013110-CE-12-2513 BAS-W-40-109-GWWI-013110-CE-12-2940	40	12	12
	Class II Water Treatment ADV-W-24-0108-GWWI-013110-CE-12-2514	24	12	12
	Water Math Part I CE-6-0108-GWWI-013110-2760	12	6	6
	Water Math Part II BAS-W-12-0108-GWWI-013110-CE-12-2515	12	12	12
	Distribution Systems Review CE-6-0108-GWWI-013110-2761	12	6	6
	Distribution Systems Operation & Maintenance BAS-WD-27-0108-GWWI-013110-CE-12-2516	27	12	12
	Jar Test Workshop ADV-W-12-0108-GWWI-013110-CE-12-2517	12	12	12
	Jar Test Procedure Workshop CE-12-0108-GWWI-013110-2518	12	12	12

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	Backflow Prevention Assembly Tester Training CE-12-0108-GWWI-013110-2519	12	12	12
	Backflow 1-Day Review CE-6-0108-GWWI-013110-2521	12	6	6
	Backflow for Program Administrators CE-12-0108-GWWI-013110-2522	12	12	12
	Drinking Water Laboratory Analyst BAS-WL-27-ADV-W-24-0108-GWWI-013110- CE-12-2757	27	12	12
	Class II Water Laboratory ADV-W-24-0108-GWWI-013110-CE-12-2523 ADV-W-24-109-GWWI-013110-CE-12-2939	24	12	12
	Drinking Water Microbiology ADV-W-12-0108-GWWI-013110-CE-12-2758	12	12	12
	Wastewater Laboratory Analyst BAS-WWL-27-ADV-WW-24-0108-GWWI- 013110-CE-12-2524	27/24	12	12
	Class II Wastewater Laboratory ADV-WW-24-0108-GWWI-013110-CE-12- 2525	24	12	12
	Laboratory Math CE-6-0108-GWWI-013110-2526	12	6	6
	Fundamental Laboratory Techniques ADV-WW-12-0108-GWWI-013110-CE-12- 2527	12	12	12
	Evaluation of Laboratory Data CE-2-0108-GWWI-013110-2529	2	2	2
	Laboratory Quality Assurance CE-6-0108-GWWI-013110-2530	12	6	6
	Water Utility Management ADV-W/WW-24-0108-GWWI-013110-CE-12- 2531	24	12	12
	Water Utility Inspection Part I ADV-W-12-0108-GWWI-013110-CE-6-2532	12	6	6
	Confined Space Entry CE-6-0108-GWWI-013110-2535	12	6	6
K & K Consultants & Safety Training 4495 Calumet Dr. Kennesaw, GA 30152 Brannen Brown 678-574-7202 678-574-0044 fax bblb4495@bellsouth.net	Forklift Operator & Competent Person Mobile Crane Operator			0

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Tony Rojas moved, Eric Osborne seconded, and the Board voted to accept the recommendations made in Executive Session on the following other business:

<ul style="list-style-type: none"> Chanel T. Houle, III - 	Request to waive the pre-exam coursework for a Wastewater Laboratory Analyst	Approve
<ul style="list-style-type: none"> T C - 	Request to consider experience and post secondary education in lieu of the 48 hours of advanced coursework for the Water Operator Class 2 Certification	Request transcripts for further consideration
<ul style="list-style-type: none"> Anthony N. Griffis, Jr. - 	Request to waive the one month experience requirement for a Public Water Supply Operator Class 4	Approve
<ul style="list-style-type: none"> Stanley Wymbs - 	Request to waive exam prerequisite for a license lapsed for two years or more. BR 750-7-.02 (3)	Deny Must take exam

Eric Osborne moved, Bill Defino seconded, and the Board voted to re-post an amendment to rule 750-3-.04, due to a change in the February 2010 meeting date. The rule amendment would allow for a reduction in the required experience for applicants with an Associate of Science degree in Biology, Chemistry, Engineering or other related field of study, approved by the Board. The amendment reads as follows:

750-3-.04 Requirements. Amended.

In order to be certified in a particular class or category, an applicant must meet requirements as set forth below.

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(a) **Current Certification.** Applicants must hold the following certificates before taking an examination for the next level of certification:

<u>CERTIFICATE APPLIED FOR</u>		<u>CURRENT CERTIFICATE</u>
Public Water Supply System Operator		
Class IV		None
Class III		None
Class II		<u>Class III</u>
Class I		<u>Class II</u>
Biological Wastewater Treatment System Operator		
Class IV		None
Class III		None
Class II		<u>Class III</u>
Class I		<u>Class II</u>
Industrial Wastewater Treatment System Operator		None
Water or Wastewater Laboratory Analyst		None
Water Distribution System Operator		None
Wastewater Collection System Operator		None

(b) **Experience.** 1. Applicants must have completed experience in the actual system operation prior to taking an examination. The amount of experience that is required is dependent upon the applicant's education, as follows:

<u>CERTIFICATE APPLIED FOR</u>	<u>EXPERIENCE</u>	<u>EXPERIENCE</u>	<u>EXPERIENCE</u>
	With H.S.School Diploma or GED Certificate	<u>With Accredited A.S. Degree in Biology, Chemistry, Engineering, or an equivalent Degree</u>	With Accredited B.S. Degree in Biology, Chemistry, Engineering, or an equivalent Degree, or a current Class I certificate in another category
Public Water Supply System			

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Operator			
Class IV	1 month	<u>1 month</u>	1 month
Class III	3 months	<u>3 months</u>	3 months
Class II	24 months	<u>18 months</u>	12 months
Class I	36 months	<u>30 months</u>	24 months
Biological Wastewater Treatment System Operator			
Class IV	1 month	<u>1 month</u>	1 month
Class III	3 months	<u>3 months</u>	3 months
Class II	24 months	<u>18 months</u>	12 months
Class I	36 months	<u>30 months</u>	24 months
Industrial Wastewater Treatment System Operator	3 months	<u>3 months</u>	3 months
Water or Wastewater Laboratory Analyst	3 months	<u>3 months</u>	3 months
Water Distribution System Operator	3 months	<u>3 months</u>	3 months
Wastewater Collection System Operator	3 months	<u>3 months</u>	3 months

2. For those applicants who have a high school diploma or GED certificate, the Board may consider other factors, including post secondary education and other training and experience, to determine satisfaction of the experience requirements.

(c) Education. Every applicant must have earned a minimum of a high school diploma or GED certificate prior to taking the examination and must provide proof of education when he/she submits his/her application for certificate to the Board.

(d) Course Work. Applicants must have completed the required course work prior to taking the examination and provide proof of completion of course work when they submit their application for certificate to the Board. The Board may evaluate, on a case by case basis, post secondary education to determine satisfaction of the course work requirements.

<u>CERTIFICATE APPLIED FOR</u>	<u>COURSE WORK</u>

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Public Water Supply System Operator	
Class IV	6 hours basic water operator course work
Class III	40 hours basic water operator course work
Class II	48 hours advanced water operator course work
Class I	No additional
Biological Wastewater Treatment System Operator	
Class IV	6 hours basic waste stabilization pond operator course work
Class III	40 hours basic wastewater operator course work
Class II	48 hours advanced wastewater operator course work
Class I	No additional
Industrial Wastewater Treatment System Operator	27 hours industrial wastewater operator course work
Water Laboratory Analyst	27 hours basic water laboratory course work or Associate Degree or higher in Biology, Environmental Science, Chemistry, or an equivalent degree
Wastewater Laboratory Analyst	27 hours basic wastewater laboratory course work or Associate Degree or higher in Biology, Environmental Science, Chemistry, or an equivalent degree
Water Distribution System Operator	27 hours water distribution course work
Wastewater Collection System Operator	27 hours wastewater collection course work

(e) Examination. An applicant must pass a written examination in order to receive a certificate.

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The next meeting of the Board will be April 22, 2010, at 9:30 a.m. at 237 Coliseum Drive, Macon, GA.

There being no further business, the meeting was adjourned at 12:06 p.m.

Minutes approved at the April 22, 2010 board meeting.